

Date: Tue, 13 Jul 93 01:38:49 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #846
To: Info-Hams

Info-Hams Digest Tue, 13 Jul 93 Volume 93 : Issue 846

Today's Topics:

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 Yaesu FT-530 or Alinco DJ-580T?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 13 Jul 93 01:39:28 GMT
From: usc!howland.reston.ans.net!math.ohio-state.edu!magnus.acs.ohio-state.edu!
csn!boulder!boulder!eesnyder@network.UCSD.EDU
Subject: 9 weeks for Tech-No Code (another data point)
To: info-hams@ucsd.edu

Well, I couldn't resist telling the world:

I finally got my Tech liscense in the mail. Nine weeks (to the day)
for it to come.

73,
N0XSU

aka

Eric E. Snyder
Department of MCD Biology ...making feet for childrens' shoes.
University of Colorado, Boulder
Boulder, Colorado 80309-0347

Date: Tue, 13 Jul 1993 05:35:35 GMT
From: swrinde!gatech!howland.reston.ans.net!ux1.cso.uiuc.edu!
newsrelay.iastate.edu!news.iastate.edu!bwehr@network.UCSD.EDU
Subject: ATV for Radar questions
To: info-hams@ucsd.edu

Tonight the guys in the local club and I were discussing the possibilities of
connecting an ATV system to the local weather radar situated in town. If
anyone has any information on the legalities or the equipment needed send me
some mail. This ATV stuff is new to us flodded Iowans and we think that this
could come into great help in the future.

73'rds

~~~~~  
Brant Wehr N0UTT  
bwehr@iastate.edu  
~~~~~

Date: Mon, 12 Jul 1993 20:06:32 GMT
From: pravda.sdsc.edu!news.cerf.net!usc!math.ohio-state.edu!caen!
saimiri.primate.wisc.edu!news.crd.ge.com!sunblossom!knight.vf.ge.com!news.ge.com!
psinntp!psinntp!pixar!news@network.UCSD.EDU
Subject: Communities that unduly restrict Amateur Radio operations
To: info-hams@ucsd.edu

There's been a lot of discussion of late regarding local antenna
restrictions and ham-unfriendly communities.

I'd like to know if anyone at ARRL or elsewhere is keeping an anecdotal file on communities that attempt to restrict amateur radio activities, through antenna restrictions, nuisance suits, and otherwise. If so, is this file publicly accessible?

For instance, I'd never consider a home in a community with antenna restrictions. However, I'd like to know if there's been any other anti-ham activity in that community before I purchase a home there.

If such a list were online for FTP access, it would be easy enough to organize it as a hierarchical directory tree, with 50 directories for U.S. states, each containing directories for counties, which would contain files for each community where there had been anti-ham activity. It would be easy enough to make this accessible via a mail server for the amateur packet network, as well.

I have a really good relationship with my neighbors. I've made sure that everyone had a number to call in case of interference and was aware of the benefits of having a ham in the neighborhood during the earthquakes and fires that happen in our area. I'd do the same in any area I moved into, but I'm not interested in moving into an area that's already anti-ham. I think it's a good idea for hams to use their economic power by avoiding a home purchase in such communities. Perhaps we should even avoid patronizing businesses in those areas. Maybe that would help them get the message.

Bruce Perens KD60TD

Date: 12 Jul 1993 21:59:24 -0500
From: usc!cs.utexas.edu!geraldo.cc.utexas.edu!emx.cc.utexas.edu!not-for-mail@network.UCSD.EDU
Subject: CW as an art form
To: info-hams@ucsd.edu

zardoz@ornews.intel.com (Jim Garver WA7LDV) says:

>(Derek Wills) writes:
>
>> CW sending is still an art, and none the worse for that.
>
>Without any kind of recognizable character such as swing, syncopation, or
>other recognizable fist it seems like pretty sterile art to me. Kinda
>like a painting of a polar bear in a snow storm. Hams who use iambic
>paddles and such might as well be using a computer. I can't tell the
>difference.

I tried to reply to this personally, but the mail bounced...

All I meant really was that e.g. some people still manage to screw up their sending with extra dits all over the place. Art is perhaps a bit extreme, although I have heard some paddle-generated 45 wpm stuff that is music to my ears.

I used to think it was nice that people had recognizable "fists" but now I prefer the properly-spaced stuff. This is perhaps inconsistent, as I prefer early music, where improvisation and ornamentation are expected, over the modern stuff that is written out note by note with no departures permitted (by modern, I mean Brahms and such stuff).

I have been meaning to ask a local if I can borrow his Vibroplex, so I'm not entirely against a bit of departure from perfect CW, and anything beats listening to the phone bands for very long...

Derek Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Tue, 13 Jul 1993 03:27:47 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!sgiblab!sgigate!odin!
chuck.dallas.sgi.com!adams@network.UCSD.EDU
Subject: CW from 10wpm to 30wpm (a review)
To: info-hams@ucsd.edu

Gang,

are you one who has gotten their speed from 0 wpm to 10 or so wpm?
reached a plateau and feel like you just can't get any further?

i purchased a set of tapes at the Dallas/Ft Worth/Arlington swapfest
called Hamcom. i didn't need the tapes, i was interested in seeing
how someone else taught the code. i took the three tapes with me
on a two week trip to MD (3 land) with my Sony WM-10 player. along
with some higher speed tapes that i generated for myself. i did HAVE
to buy something at Hamcom, since the only thing that i had bought
after two days was a tube for a VE7. (the tube's in the mail Laura). ;-)

the tapes run \$19.95 and if you order them, i'm sure there is
shipping and handling. i don't know, but if i find out i'll post. guess \$5.
maybe someone else already knows. the tapes are called "10-30 WPM WORDS"
from Jerry Ziliak's AMATEUR RADIO SCHOOL, 2350 Rosalia Drive, Fullerton,
CA 92635. they are 90 minute tapes. starting at 10 wpm, Jerry (with

voice instructions) leads you through recognizing characters and then words at higher speeds. i highly recommend the tapes for the individual at 10 wpm or so. maybe even the 20 wpm critters too.

if you commute and wanna start getting the code speed up for the upgrade, this is the way to do it. think about how much time you spend on the freeways to/from work each day. if you're not already hamming during this period or want to change, this is something to consider.

after you finish these tapes, photocopy the side A label of the third tape and send it to me. send me a note that you've listened to the tapes and have them memorized or learned. i'll take your word for it and i'll send you something. maybe even set up a sked.

i'm not associated with the above establishment in any way. i do not get any commission or other monetary rewards for this. i'm just a CW nut out to convert a few. :-) ;-) for the humour empaiored.

ok, for those not at this level. start with the ARRL tapes for learning the code. then get the 12 to 22 wpm tapes from ARRL, then the above. remember if it was easy, everybody would be doing it. come on down where the people are friendly 99.9% of the time and it's not too crowded. :-) did hear someone two nights ago at 7.030 or so get on top of someone calling CQ at 35 wpm. this guy sent LID after the CQer stood by. don't know what was going on, but the guy sending LID left after being ignored three times.

73 es gl. bcnu agn on cw es t u de k5fo dit dit

p.s. any OFs remember a set of reel to reel tapes that went to 80 wpm?
i have friend who has them, but he hasn't had them out in 20 years.
can't get him off his duff to send them to me. probably won't play anymore. these tapes were created about the 1970 timeframe.

--

"Be not too hard for life is short and nothing is given to man." - J. Baez

Chuck Adams, K5FO - CP60
adams@sgi.com

Date: 13 Jul 93 04:00:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 12 July
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 193, 07/12/93
10.7 FLUX=085.8 90-AVG=109 SSN=060 BKI=1143 2212 BAI=009
BGND-XRAY=A5.3 FLU1=7.7E+05 FLU10=1.2E+04 PKI=3243 2222 PAI=010
BOU-DEV=006,009,049,030,012,012,006,010 DEV-AVG=016 NT SWF=00:000
XRAY-MAX= B2.7 @ 1033UT XRAY-MIN= A4.5 @ 2015UT XRAY-AVG= A6.6
NEUTN-MAX= +002% @ 0020UT NEUTN-MIN= -002% @ 1950UT NEUTN-AVG= -0.2%
PCA-MAX= +0.2DB @ 1645UT PCA-MIN= -0.8DB @ 2300UT PCA-AVG= -0.1DB
BOUTF-MAX=55374NT @ 1310UT BOUTF-MIN=55352NT @ 1743UT BOUTF-AVG=55363NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+073,+000,+000
GOES6-MAX=P:+118NT@ 1609UT GOES6-MIN=N:-065NT@ 2355UT G6-AVG=+097,-020,-049
FLUXFCST=STD:085,085,085;SESC:085,085,085 BAI/PAI-FCST=010,005,005/010,007,007
KFCST=4445 4444 2223 1222 27DAY-AP=009,005 27DAY-KP=3332 1222 1122 1211
WARNINGS=
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 11 JUL 93 was 40.0.
The Full Kp Indices for 11 JUL 93 are: 4o 5o 5+ 4+ 3- 3o 2+ 2-

Date: 13 Jul 93 01:42:56 -0600
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!ux1.cso.uiuc.edu!
newsrelay.iastate.edu!iscsvax.uni.edu!thompsa1597@network.UCSD.EDU
Subject: FEEDBACK is driving me MAD!
To: info-hams@ucsd.edu

I'm having some problems with my RCI 2950. Feedback is driving me nutz.
It is being caused by a 100w "generic" rectangular linear. (I've seen
many of thje same design; I got this one used, with no literature) When
I key down on LSB/USB and modulate, the feedback starts. I can even unplug
the 2950 and the feedback is still going. It will stop if I unscrew the
coax from radio to linear, or if I shut the amp off.

Any ideas what could be the cause of the problems? (I suspect the linear
is trashy, and needs to be modified/thrown away; it is currently in
good repair)

(my SWR is 1.3:1 (radio to amp) and the power wires are well
filtered, and the antennae is well grounded)

Any help is greatly appreciated.

Date: Tue, 13 Jul 1993 00:44:11 GMT
From: sdd.hp.com!nigel.msen.com!caen!sol.ctr.columbia.edu!howland.reston.ans.net!
ux1.cso.uiuc.edu!moe.ksu.ksu.edu!usenet-feed.umn.edu!cnews@network.UCSD.EDU

Subject: Flooding and Hams m
To: info-hams@ucsd.edu

In article <1993Jul12.073847@IASTATE.EDU> wjturner@IASTATE.EDU (William J Turner) writes:

> In article <1993Jul9.213148.6166@serval.net.wsu.edu>,
> i7994779@wsuaix.csc.wsu.edu (Patrick D. Walters) writes:
> > I was curious what roles the ARES and the NTS were playing in the flood
> > areas along the Mississippi. Also are HAMS active in Mexico with the
> > Hurricane there?
>
> Well, I can't exactly say about along the Mississippi, but as you have
> probably heard, Des Moines, Iowa, had a little bit of flooding over the
> weekend.
> (Nothing much, just lost tap water and electricity for most of the Metro
> area and downtown is under water. ;)

No water for a week, and you can not drink it for 30 days is the report.
I bet there will be a lot of people with intestinal infections!

> Anyway, the Des Moines Radio Amateur Association (DMRAA) has set up
> stations at several sites across the city--Polk County Sheriff, City
> Police, various state and county offices, and the Red Cross--and have
> been relaying a *lot* of emergency traffic. They plan to continue this
> for at least several more days,
> working in 6 hour shifts.
>
> --
> Will Turner, N0RDV -----

Figures, I do all this training with DMRAA and ARES, than when something happens I am stranded here in Missouri. So, once again when I am asked what actual useful emergency work I have done, I respond with "Call a tow truck on autopatch."

Paul Craven KG0DZ

Date: Mon, 12 Jul 93 23:06:21 GMT
From: swrinde!gatech!concert!news-feed-1.peachnet.edu!umn.edu!csus.edu!netcom.com!
netcomsv!bongo!skyld!janguis@network.UCSD.EDU
Subject: Headphones
To: info-hams@ucsd.edu

In article <djc.4ghv@terapin.com> djc@terapin.com writes:

> treble. Buy a set and you will be most happy as they are

> extremely comfortable. They normally sell for \$39.95 so now is
> the time to buy and I don't work for Radio Shack but wanted to
> share this wonderful technology with you and let you know about
> the sale.

Will they ask me for my license, or can I use these on an amateur
radio without proving that I'm licensed?

J. Angus: jangus@skyld.tele.com -- "Als ik Kan", Gustav Stickley
US Mail: PO Box 4425 Carson, CA 90749-4425 1 (310) 324-6080

Date: 13 Jul 1993 01:39:09 GMT
From: usc!cs.utexas.edu!uwm.edu!csd4.csd.uwm.edu!pachner@network.UCSD.EDU
Subject: HT stories wanted
To: info-hams@ucsd.edu

Just curious to know what sort of HT stories there are:

1. humorous
2. disasterous
3. or just plain interesting

I will compile them to a master file for reference.

If you'd like a copy send me your email address.

--
=====

Thomas Jay Pachner -- Music Major, Bassist, and Amateur Operator (soon)
University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu
Amateur Call Sign: Somewhere between Milwaukee and Gettysburg

Date: Mon, 12 Jul 1993 20:50:36 EDT
From: mulvey!news@uunet.uu.net
Subject: Questions on HTs
To: info-hams@ucsd.edu

levine@mc.com (Bob Levine) writes:

> In article 8422@cnsvox.uwec.edu, whitemp@tig (Mike White) writes:
>>Hi-
>> Has anyone had experience with Radio Shack's 2m Handie Talkie?
>>

>> I'm a bit new to all of this (I had my Novice 10ish years ago,
>> dropped out, and am beginning again as a No Code tech... yep, I'm
>> going to be going for code sometime RSN...)
>>
>> Anyhow, if there are other HTs that are noteworthy (and Cheapish...
>> I'm looking for something around \$350,) I'd appreciate any info.
>>

Well, I have one (in fact I had two - one was a gift. :-) and it works
wonderfully for a single-band HT. It has a very tight front end -
no intermod here at all. True FM, and the battery lasts forever.

But as a previous poster said, don't bother asking about mods. The
only one I've seen was bogus.

- Rich

--

Rich Mulvey
rich@mulvey.com

Amateur Radio: N2VDS

787 Elmwood Terrace
Rochester, NY 14620

Date: 12 Jul 1993 22:15:31 -0500
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!moe.ksu.ksu.edu!
matt.ksu.ksu.edu!news@network.UCSD.EDU
Subject: Repeater systems with multiple transmitters
To: info-hams@ucsd.edu

brian@nothing.ucsd.edu (Brian Kantor) writes:

>steve@matt.ksu.ksu.edu (Steve Schallehn) writes:
>>Are there any repeater systems or repeater networks that use multiple
>>transmitters on a single frequency? ...
>>As I recall, the transmitters were all phase-locked to
>>avoid interference, although I bet receiver capture is more important
>>to system performance.

>Such simulcast systems are common for paging, and not that unusual for
>public service agencies. They're typically standard crystal-controlled
>transmitters with phase-locking adaptors added.

[...]

>In this area, we're more interested in making repeaters 'cellular' -
>that is, limited coverage areas, since that allows more people to
>re-use the frequency geographically - less crowding.

A multi-transmitter system could be a good thing for repeater networks
to migrate towards. They could cover a little more area and
use less frequencies.

-Steve Schallehn KB0AGD
Kansas State University

Date: Mon, 12 Jul 1993 17:43:05 +0000
From: news!demon!topsy.demon.co.uk!paul@uunet.uu.net
Subject: REQUESTING CUSTOM CALLSIGNS ???
To: info-hams@ucsd.edu

In article <jfhCA1A7L.HLC@netcom.com> jfh@netcom.com writes:

>dave@esi.COM.AU (Dave Horsfall) wrote:

>

>Which countries are in the european reciprocal licensing agreement (whose
>name I don't remember). If I were going to visit several countries, it
>might be easier to get a license from one of the member countries than to
>get reciprocal licenses from each of them.

>

The European organisation is called CEPT (A French abbreviation). According
to my last licence (renewal due in 2 weeks :-)) the ones that have
ratified the appropriate treaty are:

Austria, Belgium, Switzerland, Germany, Denmark, Spain, France, Finland,
Greece, Hungary, Italy, Ireland, Luxembourg, Monaco, Norway, Netherlands,
Sweden, Liechtenstein, Czech Republic, Slovak Republic.

I can't remember precisely, but I believe one or two countries outside
Europe have ratified the treaty as well (VE ??).

What this means, if I want to operate in HB9, I just sign HB9/G1PJJ , no
formalities.

--

Paul Turvey | paul@topsy.demon.co.uk
 | Amprnet: paul@g1pjj.ampr.org
 | AX25: g1pjj@gb7zaa.#34.gbr.eu

Date: 13 Jul 93 06:50:10 GMT
From: mnemosyne.cs.du.edu!nyx!dtock@uunet.uu.net
Subject: Short range I/R comms - any pointers?
To: info-hams@ucsd.edu

I would like to install a 2way voice link between my car and my wives
car (no, she _won't_ get a licence) for those many occasions we end up
taking two cars and follow each other down the road.

An infra red line of sight system would appear suitable. Does anyone have any pointers or references to such a thing. I am sure I have read about it here before, as an example of pushing the RF frequency to the limit.

Any help appreciated.

David, GM0SYA

Date: 13 Jul 1993 02:06:49 GMT
From: swrinde!gatech!howland.reston.ans.net!agate!stoll@network.UCSD.EDU
Subject: Wideband Modification for Icom IC W21AT Dual Band HT
To: info-hams@ucsd.edu

The Icom IC W21AT handi-talkie normally receives two bands:
136 to 174 MHz and 440 to 450 MHz.

You can program it to receive
50 to 300 MHz and 300 to 999 MHz.

To do this, turn it off, then simultaneously hold down
the # and the B keys while turning it on. Keep them pressed
for 2 seconds after turning the rig on.

The LCD display will go through a self test, and you'll
then have a wideband receiver. It's not very sensitive
far from the ham bands, but it's handy for listening to
6 Meters or as a portable scanner.

Note that this modification does not require any cutting of
diodes or rewiring -- it's entirely front panel.

Looking at the schematic, there is a way to
cut two diodes to permit transmitting outside the Ham bands (eg MARS).
However, I cannot find the diodes on the PC board (it's crowded in there!).

Cheers es 73's,
Cliff Stoll K7TA

Date: Tue, 13 Jul 1993 02:49:44 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!news-feed-2.peachnet.edu!umn.edu!
csus.edu!netcom.com!jfh@network.UCSD.EDU
Subject: Yaesu FT-530 or Alinco DJ-580T?
To: info-hams@ucsd.edu

levine@mc.com wrote:

>Your information is in error. The FT530 has expanded coverage including
>aircraft am and 800-950 (or so) plus the upper 400mhz public service bands
>by the removal of a solder jumper. I did this mod in 10 minutes with a bit
>of solder wick. Also, it covers 430-450 tx & rx out of the box, which is
>good for us international travellers since 430-440 is the fm repeater
>section of UHF in other countries. Also, you can enable 1750 hz tone
>burst for European use.

How do you enable tone burst? I called Yaesu a few months ago and they had no idea, and I haven't seen a mod to do that elsewhere, only the extended transmit and receive mods (which were, as you say, easy, but you need a soldering iron with a tiny tip).

--

Jack Hamilton jfh@netcom.com kd6ttl@n0ary.#nocal.ca.us.na (AMPR)
Post Office Box Box 281107 San Francisco, California 94128 USA

Date: Mon, 12 Jul 1993 15:15:14 EST
From: anomaly.sbs.com!kd1nr!news@uunet.uu.net
To: info-hams@ucsd.edu

References <17438@news.duke.edu>,
<930709.230629.5k6.rusnews.w165w@garlic.sbs.com>, <17564@news.duke.edu>
Subject : Re: "Necessary features" and the FT-5200 (was Re: Repeater coordination, complaints?)

jbs@ee.ee.duke.edu (Joe B. Simpson) writes:

> In article <930709.230629.5k6.rusnews.w165w@garlic.sbs.com> system@garlic.sbs
> .com (Tony Pelliccio) writes:
>
>>> There are several local hams who have 5100s (may be older than yours), and
>>> they all said their radios would only do crossband repeat on low power.
>>> I'll mention your experience to them, and maybe they can get their radios
>>> modified to work at full power.
>
>>Perhaps if you'd said that in the beginning, this whole thing might not
>>have started.
>
> Said *what* in the beginning?! Talk about revisionism - this "whole thing"
> started because you claimed that PL decode was "not necessary on any mobile
> or HT," and then proclaimed that I had been "rooked" because I bought the 520

> 0
> instead of the 5100. Gee, I can't seem to pry the control head off my 5100.
> What am I doing wrong?

First off, you stated that the radio only put out 5W leading most people to assume that it was only capable of 5W in normal transmit mode. As far as prying the head off the 5100, those of us who bought one didn't want to. The damned radio is small enough that you can just take it with you, not to mention the nice mounting bracket they give you that just clips on and off. And yes, for that removable control head I think the price is just a little too high. :)

>> My 5100 WILL do 50W in x-band but they recommend against
>>it, same as they do with the 5200.
>>
>> Tony Pelliccio kd1nr/ae
>
> I have seen nothing recommending against running the 5200 on high power in
> xband repeat mode. Who is "they," anyway?

"They" is Yaesu. At least thats what it says in the newer books I've seen for the 5100 and the 5200.

Tony

```
-----  
      o      o Tony Pelliccio, KD1NR, Control Op 441.750+, ARRL VE  
      \      / system @ garlic.sbs.com  
      \__/_/  
      (oo) Cow humor. Sort of like the Far Side.  
  /|  ___  \/  
  / | {MTV}|| MooTV - Rockin' Bumpin' and Funkin' into the 90's  
* ||{___}||  
  ||-----|| (And people thought my last .sig was long, ha!)  
  ^^      ^^  
-----
```

End of Info-Hams Digest V93 #846
